



OFFICE OF PROCUREMENT SERVICES  
315 WEST MAIN STREET, SUITE 441  
PO BOX 7800  
TAVARES FL 32778-7800

PHONE: (352) 343-9839  
FAX: 352) 343-9473

**ADDENDUM NO. 2**  
**December 2, 2014**  
**ITB No. 15-0005**  
**Road Resurfacing and Related Services**

It is the vendor's responsibility to ensure their receipt of all addenda, and to clearly acknowledge all addenda within their initial bid or proposal response. Acknowledgement may be confirmed either by inclusion of a signed copy of this addendum with the initial bid or by completion and return of the addendum acknowledgement section of the solicitation. Failure to acknowledge each addendum may prevent the bid or proposal from being considered for award.

This addendum does not change the date for the receipt of proposals.

The purpose of this addendum is to clarify the following items:

**Section 2 Statement of Work**

**SHOULDER REHABILITATION**

1. The vendor shall grade and shape the roadside shoulder to provide for positive drainage. The areas shall be graded to a two percent (2%) minimum cross slope leading away from the edge of the pavement to a distance of ten (10) feet. If for some reason the two percent (2%) grade cannot be obtained, the vendor shall contact the Project Manager before continuing with the work. No work shall take place to such areas until approval and direction from the Project Manager is provided. The grading shall be accomplished in conjunction with matching any adjacent pavement, curb, sidewalk, and structure grades. It shall also include both the removal of material to alleviate high shoulder conditions as well as backfilling areas to eliminate any drop offs.
2. If the ground/turf that is adjacent to the roadway is above the surface of the roadway, the vendor shall be responsible to complete the work as outlined within these specifications. If the ground/turf is more than one (1) inch below the surface of the adjacent roadway, the vendor shall also be responsible to complete the work as outlined within these specifications.
3. When fill material is needed it shall be quality topsoil, free of noxious weeds and capable of supporting the growth of the sod that shall be installed. This fill shall be supplied by the vendor

and it shall be their responsibility to provide hauling to the site. The vendor shall be allowed to use soil removed from high shoulders within the same project area. Prior approval from the Project Manager shall be obtained if the vendor proposes to bring in soil removed from high shoulders of another project site.

4. The reshaped ten (10) foot shoulder shall not be left with windrows, bermed, or clumped material. All shoulders shall have a smooth surface with a tapered transition into existing adjacent back slope grades. The back slope areas shall be transitioned into the reshaped shoulder at a minimum of a three to one (3:1) slope. Any areas that cannot be transitioned with the minimum three to one (3:1) slope shall be brought to the attention of the Project Manager. No work shall take place to such areas until approval and direction of the Project Manager is provided.
5. All areas that have either been excavated or filled shall be compacted to not less than ninety-five percent (95%) of maximum unit weight as determined by using the Modified Proctor Compaction test method T-180 per the American Association of State Highway and Transportation Officials (AASHTO). These tests shall be conducted by an independent testing laboratory approved by the County. There shall be a minimum of one (1) test taken every five hundred (500) feet on each side of the road, and it shall be a minimum of six (6) inches in depth. The vendor shall supply to the Project Manager copies of these reports showing the results of the density tests. If any of these reports indicate that the proper compaction was not achieved, the vendor shall re-compact the area for a distance of five hundred (500) feet on each side of the failing test area, and the vendor shall be responsible to have a new test completed at a location selected by the Project Manager. If sod has been installed over a failing test area, it shall be removed before the compaction work starts and shall be put back in place after the work has been completed.
6. All disturbed areas within the project area shall be re-sodded with the type of grass matching the adjacent area. Should no grass exist in the surrounding area, Bahia sod shall be used. The final elevation of the sod after it is installed shall be so that the top mat of the sod is even with the top surface of the adjacent asphalt or other impervious surface and with the existing turf on the back slope. Any sod not installed at this elevation shall be rejected and replaced by the vendor to the proper height at no additional cost to the County. The vendor shall also be responsible to install sod in any areas within the project site where there is no turf growing regardless if the vendor has not performed any grading in that area. All sod shall be in accordance with the Florida Department of Transportation Standard Specification for Road and Bridge Construction, 2014 Edition (or latest edition), Section 981, Turf Materials.
7. Sod shall be installed as the grading is completed. At no time shall the graded area be allowed to be without sod for more than twenty-four (24) hours from the grading operation. Any areas left overnight with a drop off that is more than one (1) inch at the edge of pavement shall be clearly marked by the vendor with flashing lighted barricades.

8. The vendor shall roll the sod using a lightweight turf roller to provide for a true and even surface without any displacement or deformation of the sod.
9. All sod shall be watered by the vendor until established. Established sod shall be defined as roots extending from the newly installed sod into the compacted soil to a stage that it is difficult to remove the sod. The County will inspect the sod fourteen (14) calendar days after the vendor has notified the County that the sod installation has been completed and determine if the sod will be accepted and approved. Any sod determined to be dead or unacceptable by the County's Project Manager must be replaced by the vendor at the vendor's expense.  
The vendor shall supply any water needed for watering the sod. The County does not have a municipal water supply; therefore, it is the responsibility of the vendor to secure and pay for any water needed. The cost for watering the sod shall be included in the price of the sod.
10. All roadways shall be swept using a broom tractor or other means approved by the Project Manager before the areas are opened to motorized vehicles.
11. The amount of shoulder fill or excavation needed shall be calculated by obtaining a depth/height measurement from the top surface of the asphaltic concrete at the edge of pavement every two hundred (200) feet for the entire length of the area requiring restoration. An average of these measurements shall then be multiplied by the required width of ten (10) feet and by the length of the project area to determine the total cubic yards. The per cubic yard unit cost for shoulder restoration shown in the pricing section shall include, but not be limited to: removal of excess shoulder material or the addition of topsoil, installation of sod, rolling, watering, mobilization, MOT, equipment, labor and any other incidental charges associated with the operation.

Firm Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Typed/Printed Name: \_\_\_\_\_